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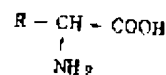
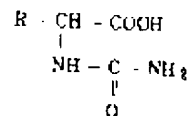
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## (54) PRODUCTION OF D-ALPHA-AMINO ACID

(57)Abstract:

PURPOSE: To obtain efficiently a D- $\alpha$ -amino acid, by treating a D-N-carbamoyl- $\alpha$ -amino acid with an enzyme produced by a specific bacterium.

CONSTITUTION: A D-N-carbamoyl- $\alpha$ -amino acid shown by the formula I (R is phenyl group, hydroxyl group-substituted phenyl group, alkyl group, substituted alkyl group or thienyl group) is treated with an enzyme extracted from a culture solution of a bacterium belonging to the genus *Aerobacter*, *Aeromonas*, *Brevibacterium*, *Bacillus*, *Flavobacterium*, *Sarcina* or *Serratia*, from the mold or a treated material thereof, capable of eliminating carbamoyl group, to give a D- $\alpha$ -amino acid shown by the formula II.



## LEGAL STATUS

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